

ABSTRACT

The present invention provides a disk playback device including a laser drive circuit 6 capable of feeding a drive signal to an optical head 5 and adjusting a power of a laser beam irradiated by the optical head 5 and a control circuit 7 for detecting an error rate of a reproduction signal and controlling operation of the laser drive circuit 6. The control circuit 7 repeatedly retrieves one boundary value of two boundary values wherein the error rate is a prescribed value or in the vicinity of the prescribed value and calculates an optimum reproduction power based on the one boundary value retrieved. Here, the control circuit 7 retrieves a new boundary value based on a boundary value obtained by a previous optimum reproduction power calculation.